

Converting Colors

XYZ(21.5407, 21.2659, 27.3955)

Have a look what the booklet for
XYZ(21.5407, 21.2659, 27.3955)
contains.

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Color

**XYZ(21.5407, 21.2659,
27.3955)**

Conversions

Conversions Part 1

Format	Color
Hex	857C8B
RGB	133, 124, 139
RGB Percent	52%, 49%, 55%
CMY	0.4784, 0.5137, 0.4549
CMYK	0.04, 0.11, 0.00, 0.45
HSL	276°, 6%, 52%
HSV	276°, 11%, 55%
XYZ	21.5407, 21.2659, 27.3955
YIQ	128.4010, 0.5490, 6.5730

Conversions

Conversions Part 2

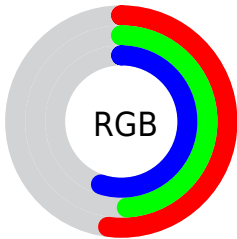
Format	Color
R_{YB}	133, 124, 139
Decimal	8748171
CIE Lab	53.24, 6.40, -6.88
CIE LCh	53, 9.398, 312.910
Yxy	21.2659, 0.3068, 0.3029
Android (android.graphics.Color)	4286938251 (0xFF857C8B)
YUV	128.4010, 5.2253, 4.0333
Hunter-Lab	46.1150, 2.6777, -2.9419

Details

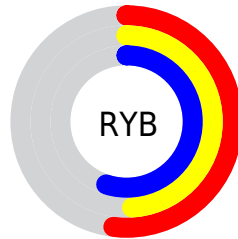
The XYZ color **21.5407, 21.2659, 27.3955** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.0774, 24.6668, 22.6674**, and the grayscale version is **20.6399, 21.7148, 23.6474**.

A 20% lighter version of the original color is **45.4863, 45.6892, 56.2907**, and **7.8865, 7.5924, 10.5010** is the 20% darker color. If you saturate the color by 10%, you get **19.0654, 17.5841, 26.8156**, and if you desaturate by 10%, it is **24.3093, 25.4646, 28.0603**.

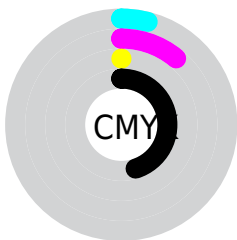
Distribution



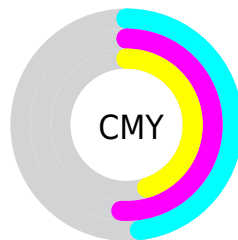
- Red (52%)
- Green (49%)
- Blue (55%)



- Red (52%)
- Yellow (49%)
- Blue (55%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



- Cyan (48%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5407, 21.2659, 27.3955 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 21.5407, 21.2659, 27.3955 by changing the saturation by 10% instead.

■ 21.5407, 21.2659,
27.3955

■ 21.5407, 21.2659,
27.3955

252.8159,
258.6882, 303.3875

■ 13.6345, 13.3185,
17.6354

■ 45.4702, 45.5296,
56.5293

■ 7.9469, 7.6482,
10.5218

■ 62.2243, 62.6148,
76.7401

■ 4.1125, 3.8707,
5.6362

■ 82.6583, 83.5146,
101.2716

■ 1.7660, 1.6015,
2.5600

107.1377,
108.6136, 130.5422

■ 0.4970, 0.3586,
0.8717

136.0278,
138.2960, 164.9706

■ 0.0000, 0.0000,
0.0000

169.6940,

172.9463, 204.9752

208.5016,
212.9490, 250.9747

■ 21.5407, 21.2659,
27.3955

■ 21.5407, 21.2659,
27.3955

■ 19.0654, 17.5841,
26.8156

■ 24.3093, 25.4646,
28.0603

■ 16.8707, 14.3957,
26.3159

■ 27.3796, 30.1971,
28.8120

■ 14.9454, 11.6794,
25.8930

■ 30.7620, 35.4828,
29.6539

■ 13.2770, 9.4111,
25.5432

■ 34.4660, 41.3394,
30.5892

■ 11.8519, 7.5647,
25.2619

■ 38.5003, 47.7838,
31.6204

■ 10.6550, 6.1113,
25.0444

■ 42.8735, 54.8321,
32.7504

■ 9.6693, 5.0181,
24.8854

■ 47.5939, 62.4998,
33.9816

■ 8.8752, 4.2469,
24.7784

■ 52.6694, 70.8018,
35.3166

■ 8.2624, 3.7211,
24.7092

■ 58.1077, 79.7527,
36.7576

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



20.6422, 21.2659, 28.9046



21.5407, 21.2659, 27.3955



22.0932, 21.2659, 24.7994

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.5407, 21.2659, 27.3955



20.7789, 21.2659, 18.3114



18.4080, 21.2659, 24.3983

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21.5407, 21.2659, 27.3955



22.0774, 24.6668, 22.6674

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.4419, 21.2659, 21.5848



21.5407, 21.2659, 27.3955



19.7890, 21.2659, 18.2233

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.5407, 21.2659, 27.3955



21.6436, 21.2659, 19.6278



18.9402, 21.2659, 19.3763



18.8461, 21.2659, 27.0813

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.5407, 21.2659, 27.3955



22.1802, 21.2659, 22.8784



18.9402, 21.2659, 19.3763



18.3650, 21.2659, 23.4337

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21.5413, 21.2668, 27.3960



42.3583, 43.8086, 49.9663



20.9891, 22.1818, 27.6017



9.6720, 9.9600, 11.4921



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.5413, 21.2668, 27.3960



37.4228, 36.3557, 48.7879



22.4251, 21.7329, 26.9633



5.0435, 5.0308, 6.3111



7.4768, 3.3685, 22.3018



0.0662, 0.0309, 0.1489

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.8851, 21.5169, 24.1198



38.1803, 36.9053, 41.6360



21.2632, 24.2379, 23.0445



5.1104, 5.0796, 5.6696



10.2535, 5.2115, 3.8392



0.0750, 0.0374, 0.0618

Previews

White Background



This preview shows how the XYZ color 21.5407, 21.2659, 27.3955 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.5407, 21.2659, 27.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

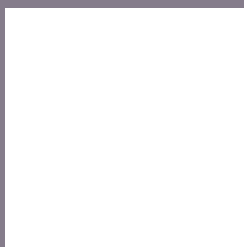
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5407, 21.2659, 27.3955

Background



This preview shows how black text looks on a background with the XYZ color 21.5407, 21.2659, 27.3955.

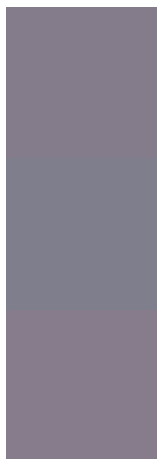


This preview shows how white text looks on a background with the XYZ color 21.5407, 21.2659,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

21.5407, 21.2659, 27.3955

Protanopia

20.7987, 21.2508, 27.8165

Deuteranopia

21.6994, 21.3477, 27.4029



Tritanopia

21.2225, 21.3220, 25.9187

Trichromacy



Original Color

21.5407, 21.2659, 27.3955

Protanomaly

21.1205, 21.2278, 27.7951

Deuteranomaly

21.6994, 21.3477, 27.4029

Tritanomaly

21.2933, 21.3503, 26.2913

Monochromacy



Original Color

21.5407, 21.2659, 27.3955

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.9602, 21.5905, 24.8925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5407, 21.2659, 27.3955 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(133, 124, 139)` looks like.

```
.text, #text, p{  
    color:rgb(133, 124, 139)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(133, 124, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 124, 139) }
```

Border

The CSS property to change the border of an element to XYZ 21.5407, 21.2659, 27.3955 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 124, 139) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(133, 124, 139) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(133, 124, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 124, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 124, 139);  
box-shadow:4px 4px 4px 4px rgb(133, 124,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5407, 21.2659, 27.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 124, 139) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(133,  
124, 139) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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